

P5878a

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 6,628,037
Issued: September 30, 2003
Name of Patentee: Kinya Matsuzawa
Serial No.: 10/002,033
Filing Date: November 15, 2001
Title of Invention: Power Generator, Electronic Device Using the Same, Method of Setting Plate Thickness in a Magnetic Circuit in Electronically Controlled Timepiece and Power Generator

CERTIFICATE OF MAILING

I hereby certify that this correspondence, and the documents attached hereto, are being deposited with the United States Postal Service as "First Class" mail with sufficient postage in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date.

Date: March 24, 2004

Ann P. George

SUPPLEMENTAL REQUEST FOR CERTIFICATE OF CORRECTION OF
PATENT FOR PTO MISTAKE (37 CFR §1.322(a))

NOTE: This Supplemental Request supercedes the Request received by
the Patent Office on February 23, 2004.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate
APR 01 2004
of Correction

Sir:

It is noted that errors appear in this patent of a clerical, typographical or minor nature or character, as more fully described below, due to a mistake by the Patent and Trademark Office.

Attached hereto in duplicate is Form PTO-1050 with at least one copy being suitable for printing.

The exact locations where the errors occur in the patent are:

Claim 3:

Column 19, line 5, please change " $d = \sqrt{0.137\rho} \cdot f^{-0.375} B^{-0.175}$

(3)" to -- $d = \sqrt{0.137\rho} \cdot f^{-0.375} B_m^{-0.175}$ (3)--

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Claim 4:

Column 19, line 16, please change

$$"d = \sqrt{1.339\rho} \cdot f^{-0.375} B^{-0.175} \quad (4)" \text{ to}$$

$$--d = \sqrt{1.339\rho} \cdot f^{-0.375} B_m^{-0.175} \quad (4)--$$

Claim 5:

Column 19, line 25, please change "(in)" to --(m)-- and

$$\text{line 30, please change } "d = \sqrt{3.049\rho} \cdot f^{-0.375} B^{-0.175} \quad (5)" \text{ to}$$

$$--d = \sqrt{3.049\rho} \cdot f^{-0.375} B_m^{-0.175} \quad (5)--$$

Claim 9:

$$\text{Column 20, line 16, please change } "d = \sqrt{0.654\rho} \cdot f^{-0.375} B^{-0.175}$$

$$(2)" \text{ to } --d = \sqrt{0.654\rho} \cdot f^{-0.375} B_m^{-0.175} \quad (2)--$$

Claim 10:

Column 20, line 34, please change "(in)" to --(m)-- and line 40, please change

$$"d = \sqrt{0.654\rho} \cdot f^{-0.375} B^{-0.175} \quad (2)" \text{ to}$$

$$--d = \sqrt{0.654\rho} \cdot f^{-0.375} B_m^{-0.175} \quad (2)--$$

Claim 11:

$$\text{Column 20, line 61, please change } "d = \sqrt{0.137\rho} \cdot f^{-0.375} B^{-0.175}$$

$$(3)" \text{ to } --d = \sqrt{0.137\rho} \cdot f^{-0.375} B_m^{-0.175} \quad (3)--$$

Claim 12:

Column 21, line 20, please change " $d = \sqrt{0.137\rho} \cdot f^{-0.375} B^{-0.175}$

(3)" to -- $d = \sqrt{0.137\rho} \cdot f^{-0.375} B_m^{-0.175}$ (3)--

Claim 13:

Column 21, line 45, please change " $d = \sqrt{1.339\rho} \cdot f^{-0.375} B^{-0.175}$

(4)" to -- $d = \sqrt{1.339\rho} \cdot f^{-0.375} B_m^{-0.175}$ (4)--

Claim 16:

Column 22, line 7, please change "(in)" to --(m)--

Claim 17:

Column 22, after line 35, please insert

--where k_h represents hysteresis loss coefficient, k_e represents eddy-current loss coefficient, ρ ($\Omega \cdot m$) represents resistivity, f (Hz) represents frequency and B_m (T) represents maximum amplitude magnetic flux density of the soft magnetic material; and

a processor for driving a time display by the electric energy generated by the power generator.--

Claim 20:

Column 23, line 30, please change " $d = \sqrt{0.654\rho} \cdot f^{-0.375} B^{-0.175}$

(2)" to -- $d = \sqrt{0.654\rho} \cdot f^{-0.375} B_m^{-0.175}$ (2)--

Claim 21:

Column 23, line 60, please change " $d = \sqrt{0.137\rho} \cdot f^{-0.375} B^{-0.175}$

(3)" to -- $d = \sqrt{0.137\rho} \cdot f^{-0.375} B_m^{-0.175}$ (3)--

Claim 22:

Column 24, line 22, please change

$$“d = \sqrt{1.339\rho} \cdot f^{-0.375} B^{-0.175}” \text{ to}$$

$$“d = \sqrt{1.339\rho} \cdot f^{-0.375} B_m^{-0.175}”$$

Claim 24:

Column 24, please delete lines 65-67

Column 25, please delete lines 1-4

Claim 26:

Column 25 line 13, please change “lace” to “plate”

Claim 27:

Column 25, line 28, please change “(in)” to “(m)” and

Claim 28:

Column 26, line 17, please change “(in)” to “(m)”.

REQUEST FOR CERTIFICATE OF CORRECTION OF
PATENT FOR PTO MISTAKE (37 CFR §1.322(a))

Patentee's undersigned attorney may be reached at the telephone number listed below. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,



Mark P. Watson

Registration No. 31,448

Please address all correspondence to:
Epson Research and Development, Inc.
150 River Oaks Parkway, Suite 225
San Jose, CA 95134
Customer No. 20178
Phone: (408) 952-6000
Facsimile: (408) 954-9058

Date: March 24, 2004

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

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INVENTOR(S): Kinya Matsuzawa

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Epson Research and Development, Inc.
Intellectual Property Department
150 River Oaks Parkway, Suite 225
San Jose, CA 95134
Customer No. 20178

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Claim 12:

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$$.. d = \sqrt{0.137\rho} \cdot f^{-0.375} B_m^{-0.175} \quad (3) --$$

Claim 22:

Column 24, line 22, please change

$$"d = \sqrt{1.339\rho} \cdot f^{-0.375} B^{-0.175}," \text{ to}$$

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